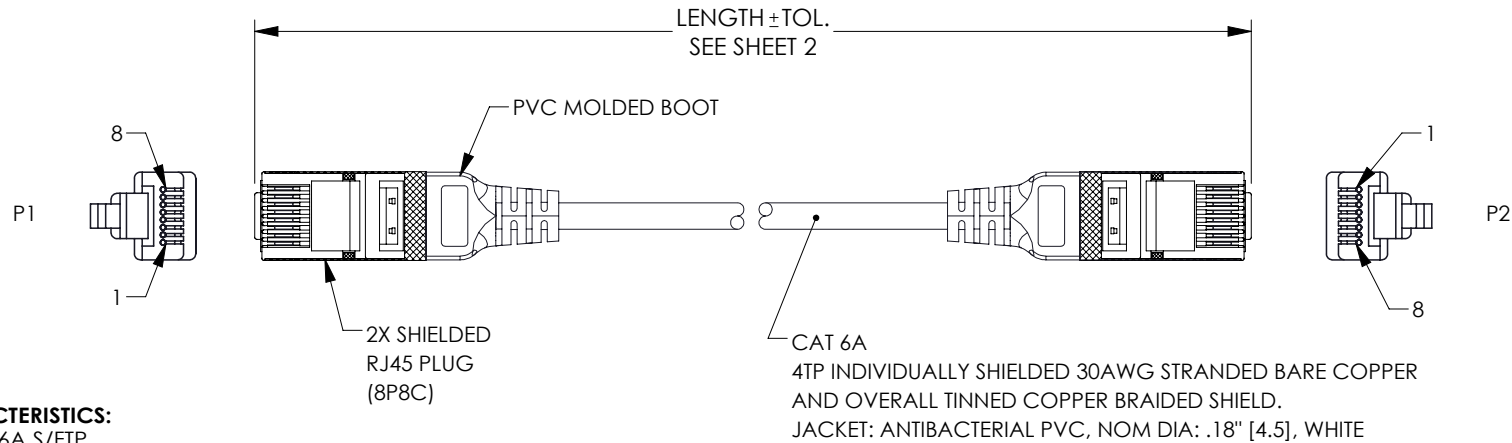


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/07/2022	GUTTADAURO



**NOTES:**

**PHYSICAL CHARACTERISTICS:**

- CABLE TYPE: CAT6A S/FTP
- TEMPERATURE RATING:
  - INSTALLATION: 0°C~50°C
  - OPERATION: -20°C~60°C
- VOLTAGE RATING: 30V

**MECHANICAL CHARACTERISTICS:**

- CONNECTOR MATERIAL: ANTIBACTERIAL NYLON
- HOOD MATERIAL: MOLDED ANTIBACTERIAL PVC
- CONTACT MATERIAL: COPPER ALLOY, 50U" GOLD PLATING

**ELECTRICAL CHARACTERISTICS:**

- CONDUCTOR DC RESISTANCE: 35.3Ω/100M (MAXIMUM)
- IMPEDANCE: 100Ω
- CAPACITANCE: 5600PF/100M
- PROPAGATION DELAY: 545NS/100M (MAXIMUM)
- DELAY SKEW: 45NS/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5%TEST)
- BANDWIDTH: 500MHz

**ANTIBACTERIAL ACTIVITY:**

**TEST METHOD:** ISO 22196:2011 MEASUREMENT OF ANTIBACTERIAL ACTIVITY ON PLASTICS AND OTHER NON-POROUS SURFACES.

**TEST ORGANISM:** ESCHERICHIA COLI ATCC 8738  
STAPHYLOCOCCUS AUREUS ATCC 6538P

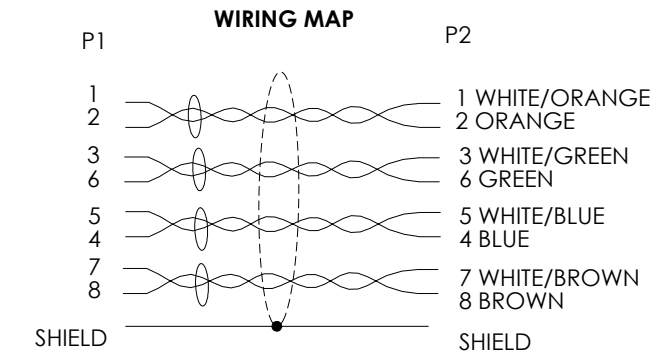
**ANTIBACTERIAL ACTIVITY RATE:** ESCHERICHIA COLI > 99.9%  
STAPHYLOCOCCUS AUREUS > 99.9%


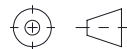
**MISCELLANEOUS:**

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

**REGULATORY COMPLIANCE:**


EU ROHS DIRECTIVE (MOST RECENT RELEASED VERSION)



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	DRAWN BY DFRISIELLO	03/07/2022	
OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0	CHECKED BY DGUST	03/07/2022	CATEGORY TELECOM/MODULAR
	APPROVED BY GUTTADAURO	03/07/2022	PRODUCT DESCRIPTION C6a Slim Antibacterial S/FTP 30AWG CM PVC
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5]   FRACTIONS ± 1/32 .XX = ± .02 [5]   ANGLES ± 1° .XXX = ± .005 [13]	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	SIZE <b>A</b>	CAGE CODE <b>43321</b>
THIRD-ANGLE PROJECTION 	COLOR VARIATIONS MAY OCCUR	DWG. NO. TRM630ASF	REV. <b>A</b>
SCALE: NONE		CAD FILE: TRM630ASF.SLDDRW	SHEET 1 OF 2

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PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRM630ASF-WHT-05F	WHITE	0.5 [0.15]	+1.38/-.59 [+35/-15]
TRM630ASF-WHT-1F	WHITE	1.0 [0.30]	+1.38/-.59 [+35/-15]
TRM630ASF-WHT-3F	WHITE	3.0 [0.91]	+1.38/-.59 [+35/-15]
TRM630ASF-WHT-5F	WHITE	5.0 [1.52]	+1.38/-.79 [+35/-20]
TRM630ASF-WHT-7F	WHITE	7.0 [2.13]	+1.38/-.1.18 [+35/-30]
TRM630ASF-WHT-10F	WHITE	10.0 [3.04]	+1.38/-.1.18 [+35/-30]
TRM630ASF-WHT-15F	WHITE	15.0 [4.57]	+1.38/-.1.18 [+35/-30]
TRM630ASF-WHT-25F	WHITE	25.0 [7.62]	± 2.36 [60]
TRM630ASF-WHT-30F	WHITE	30.0 [9.15]	± 2.36 [60]
TRM630ASF-WHT-40F	WHITE	40.0 [12.20]	± 3.15 [ 80]
TRM630ASF-WHT-50F	WHITE	50.0 [15.24]	± 3.15 [ 80]
TRM630ASF-WHT-65F	WHITE	65.0 [19.81]	± 3.15 [ 80]
TRM630ASF-WHT-75F	WHITE	75.0 [22.86]	± 3.15 [ 80]
TRM630ASF-WHT-100F	WHITE	100.0 [30.48]	± 3.15 [ 80]

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CATEGORY <b>TELECOM/MODULAR</b>			
PRODUCT DESCRIPTION <b>C6a Slim Antibacterial S/FTP 30AWG          CM PVC</b>			
SIZE <b>A</b>	CAGE CODE <b>43321</b>	ITEM NO. <b>TRM630ASF</b>	REV. <b>A</b>
SCALE: NONE		CAD FILE: TRM630ASF.SLDDRW	
			SHEET 2 OF 2